Hurricane Rita Water Model

Landfall Expected In Less Than **12** Hours

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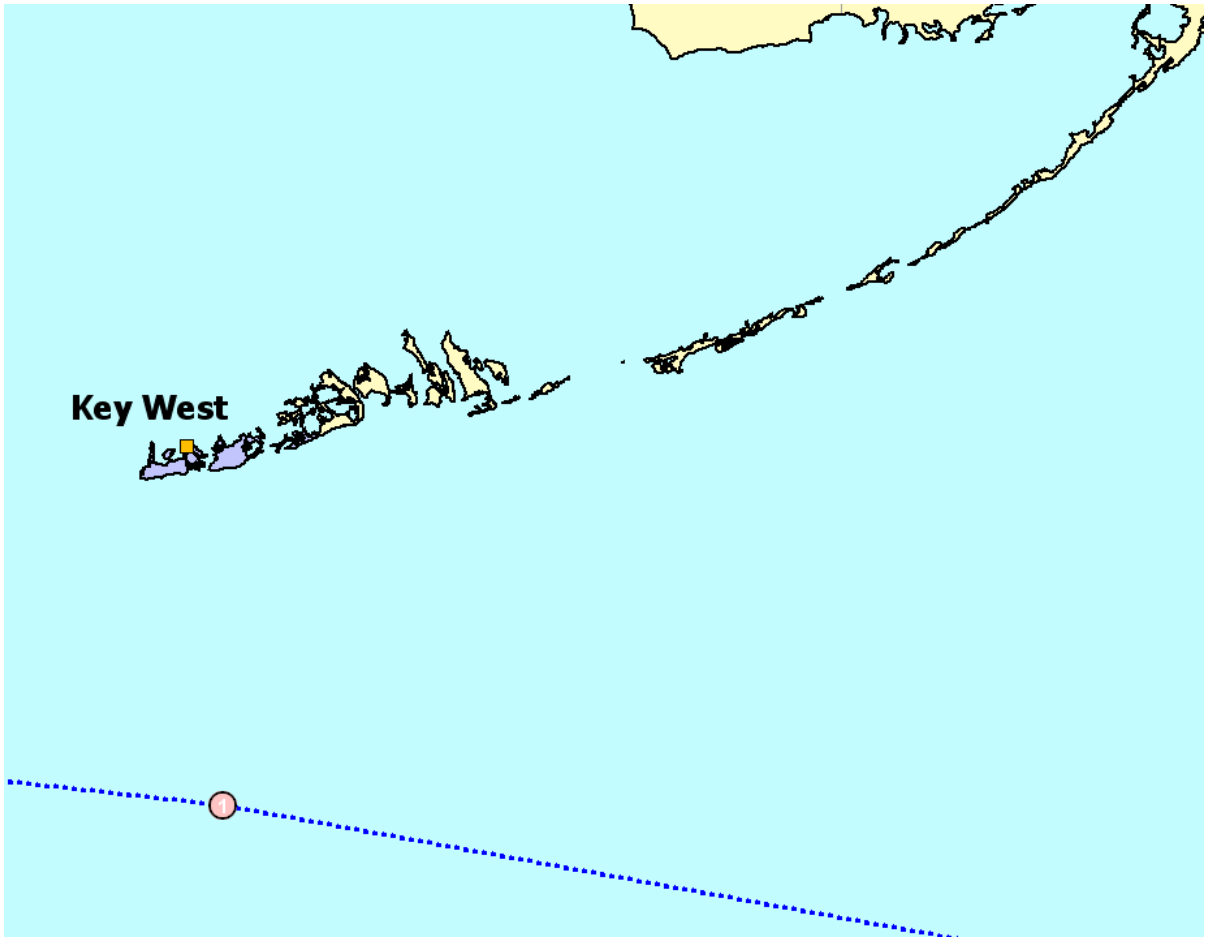

Most Probable Landfall Water Model Results

Florida –
3 Truckloads Day One
3 Truckloads Day Two
3 Truckloads Day Three

Model results per county on following page

This model is based on a Category 1 storm making landfall in near proximity to Key West, FL.

Information provided on this page displays a Category 1 storm making landfall near Key West, FL. These projections are based on information from the NHC ***(0500 EDT 09/20/2005)*** forecast. The amount of water forecasted is based on Mission Guide Book requirements (3 liters per person per day) and Water SME input and represents a first day daily need.

Details about this model may be obtained at https://englink.usace.army.mil

or contact ENGLink at 1-877-936-4546

US Army Corps of Engineers

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Generated By:
Paul Deatrick, LRL 0700 EDT 09/20/2005

Sources:
HURREVAC
LRL-DEBRIS

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	Ice/Water Commodities - Trucks/Distribution Lanes Ramp-up (Number of Trucks Each Commodity and Lanes Anticipated - end of each day)					
				Commodity Trucks	Within Hurricane Force Winds	
	Day One (25%)*	Day Two (50%)*	Day Three (100%)*	Day 1-3 Total	Population	Households
Key West Landfall Track						
Florida	3	3	3	9	33,000	14,000
Total	**3**	**3**	**3**	**9**	**33,000**	**14,000**

Key assumption is that establishment of distribution lanes will be the limiting factor.

* Assumption is that States/locals (FL is the * exception) will have the capability to establish about 25% of needed distribution lanes in the first 24 hours post-landfall, about 50% of needed distribution lanes in the first 48 hours after landfall, and all needed lanes by 72 hours post landfall. Florida, due to past experience, estimates they can establish up to 50 distribution lanes per day.

Rita CAT1 12 hour assumption - 40% of the population within hurricane force winds will require water and/or ice

The amount of water forecasted is based on Mission Guide Book requirements (3 liters per person) and Water SME input and represents a first day daily need. The assumption in this scenario is that 40% of the resident population affected by Rita will have power outage in this area will cause a need for water.

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